

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	319	(TWIGG.in. or VINCENT.in. or MARTYN.in.) and (exhaust near3 gas) and (engine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:11
S2	68	(TWIGG.in. or VINCENT.in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:11
S3	56	(TWIGG.in. or VINCENT.in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot) and (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:11
S4	47	(TWIGG.in. or VINCENT.in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot) and (filter) and (metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:11
S5	43	(TWIGG.in. or VINCENT.in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot) and (filter) and (cataly \$4) and (metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:11
S6	38	(TWIGG.in. or VINCENT.in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot near4 filter) and (cataly \$4) and (metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:11

S7	23	(US-20030180195-\$ or US-20060185352-\$). did. or (US-5298046-\$ or US-6775972-\$ or US-6946013-\$ or US-6877313-\$ or US-7086220-\$ or US-7078004-\$ or US-6916450-\$ or US-6912847-\$ or US-6772584-\$ or US-6474060-\$ or US-6248689-\$ or US-4900517-\$ or US-6516611-\$ or US-6572682-\$ or US-7052532-\$ or US-6557340-\$ or US-5709722-\$ or US-6902599-\$ or US-5665322-\$ or US-5179061-\$).did. or (EP-849444-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2008/04/03 12:12
S8	47	((exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal) ).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:12
S9	7	((exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal) and (mass\$4 or densit\$4) ). CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:13
S10	6	((exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal near4 filter) ).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:13
S11	821	(exhaust near3 gas) and (engine) and (soot near4 filter) and (cataly \$4) and (metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16

S12	637	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S13	235	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal near4 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S14	141	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S15	179	(exhaust near3 gas) and (engine) and (soot near4 filter) and (cataly \$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S16	141	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S17	220	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S18	192	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly \$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (oxid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16

S19	208	(exhaust near3 gas) and (engine) and (soot near2 (filter or trap)) and (cataly\$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (oxid\$4) and (metal near5 (filter or trap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S20	136	(exhaust near3 gas) and (engine) and (soot near2 (filter or trap)) and (cataly\$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and ((oxid\$4) near4 (NOx or "NO.sub.x" or "NO.sub.2" or "NO"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S21	216	("20030124037"   "20030182936"   "20030230078"   "3290876"   "3499269"   "3802922"   "3904551"   "3931050"   "3957691"   "4003854"   "4072471"   "4118199"   "4134860"   "4189404"   "4276066"   "4285193"   "4303552"   "4329162"   "4340403"   "4351811"   "4364760"   "4403008"   "4419113"   "4451441"   "4455393"   "4477417"   "4480050"   "4503162"   "4505107"   "4510265"   "4515758"   "4516993"   "4519820"   "4523935"   "4559193"   "4563414"   "4624940"   "4630438"   "4708946"   "4711870"   "4714694"   "4727052"   "4759918"   "4828807"   "4881959"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 12:16

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"4927799"	
"5000929"	"5053378"
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"5454845"	"5457945"
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"6120583"	"6146602"
"6167696"	
"6174835"	"6176078"
"6176896"	

		"6182443").PN. OR ("6185930"   "6233927" "6237326"   "6293096"   "6304815" "6314722"   "6321531"   "6367246" "6475350"   "6479023"   "6484495" "6546717"   "6594990"   "6622480" "6651638"   "6669913"   "6763659" "6820418"   "6865884"   "6865885" "6948311"   "6952918").PN. OR ("2003/0180195"   "4900517"   "6248689" "6557340"   "6572682"   "6772584" "6775972"   "6877313"   "6912847" "6916450"   "7078004"   "7086220"). URPN.				
S22	157	("20030124037"   "20030182936"   "20030230078"   "3290876"   "3499269" "3802922"   "3904551"   "3931050" "3957691"   "4003854"   "4072471" "4118199"   "4134860"   "4189404" "4276066"   "4285193"   "4303552" "4329162"   "4340403"   "4351811" "4364760"   "4403008"   "4419113" "4451441"   "4455393"   "4477417" "4480050"   "4503162"   "4505107" "4510265"   "4515758"   "4516993" "4519820"   "4523935"   "4559193" "4563414"   "4624940"   "4630438" "4708946"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 12:16

"4711870"		"4714694"
	"4727052"	
"4759918"		"4828807"
	"4881959"	
"4902309"		"4902487"
	"4927799"	
"5000929"		"5053378"
	"5057483"	
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	"5149508"	
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	"5228891"	
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	"5281128"	
"5294411"		"5326253"
	"5330945"	
"5340548"		"5398503"
	"5405260"	
"5405422"		"5409669"
	"5422085"	
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	"5705131"	
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"5746989"		"5753580"
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	"5891409"	
"5898014"		"5961931"
	"5968861"	
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	"6038853"	
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	"6051040"	
"6063150"		"6074976"
	"6080377"	
"6087295"		"6090172"
	"6093378"	

		"6120583"   "6146602"   "6167696"   "6174835"   "6176078"   "6176896"   "6182443").PN. OR ("6185930"   "6233927"   "6237326"   "6293096"   "6304815"   "6314722"   "6321531"   "6367246"   "6475350"   "6479023"   "6484495"   "6546717"   "6594990"   "6622480"   "6651638"   "6669913"   "6763659"   "6820418"   "6865884"   "6865885"   "6948311"   "6952918").PN. OR ("2003/0180195"   "4900517"   "6248689"   "6557340"   "6572682"   "6772584"   "6775972"   "6877313"   "6912847"   "6916450"   "7078004"   "7086220"). URP.N. and (soot near2 filter) and ((oxid\$4 or oxida\$4) near4 (NOx or "NO.sub.x" or "NO. sub.2" or "NO"))				
S23	144	(exhaust near3 gas) and (engine) and (soot near2 (filter or trap)) and (cataly\$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and ((oxid\$4 or oxida \$4) near4 (NOx or "NO. sub.x" or "NO.sub.2" or "NO"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16



S24	38	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly\$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (metal near4 mes\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S25	38	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly\$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (metal near4 mesh\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S26	141	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly\$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S27	363	(exhaust near3 gas) and (engine) and ((particulat\$4 or particle\$4 or soot ) near2 filter) and (cataly\$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S28	299	(exhaust near3 gas) and (engine) and ((particulat\$4 or particle\$4 or soot ) near2 filter) and (cataly\$4) and (metal near4 filter) and ((NOx or "NO.sub.x") near4 (cataly\$4 or oxid\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S29	127	(exhaust near3 gas) and (engine) and ((particulat\$4 or particle\$4 or soot ) near2 filter) and (cataly\$4) and (metal near4 filter) and ((NOx or "NO.sub.x") near4 (cataly\$4 or oxid\$4)) and (wire\$4 or mesh\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16

S30	199	(exhaust near3 gas) and (engine) and ((particulat\$4 or particle\$4 or soot ) near2 filter) and (cataly\$4) and ((metal or wire\$4 or mesh\$4) near4 filter) and ((NOx or "NO.sub.x") near4 (cataly\$4 or oxid\$4)) and (wire\$4 or mesh\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S31	82	(exhaust near3 gas) and (engine) and (soot near4 filter) and (cataly\$4) and (metal near4 (filter or trap)) and ((mass\$4 or densit\$4) near4 (filter or trap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S32	85	(exhaust near3 gas) and (engine) and (soot near4 (trap or filter)) and (cataly\$4) and (metal near4 (filter or trap)) and ((mass\$4 or densit\$4) near4 (filter or trap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S33	32	(exhaust near3 gas) and (engine) and (soot near4 (trap or filter)) and (cataly\$4) and ((mass\$4 or densit\$4) same ((filter or trap) and cataly\$4) ) and ((mass\$4 or densit\$4) same (first and second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S34	139	(exhaust near3 gas) and (engine) and (soot near4 (trap or filter)) and (cataly\$4) and (metal same (filter or trap)) and ((mass\$4 or densit\$4) near4 (filter or trap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16

S35	21	(exhaust near3 gas) and (engine) and (soot near4 (trap or filter)) and (cataly\$4) and (metal same (filter or trap)) and ((mass\$4 or densit\$4) near4 (filter or trap)) and ((mass\$4 or densit\$4) same (first and second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S36	269	(exhaust near3 gas) and (engine) and ((particl\$4 or particulat \$4 or soot) near4 (trap or filter)) and (cataly\$4) and (metal same (filter or trap)) and ((mass\$4 or densit\$4) near4 (filter or trap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S37	55	(exhaust near3 gas) and (engine) and ((particl\$4 or particulat \$4 or soot) near4 (trap or filter)) and (cataly\$4) and (metal same (filter or trap)) and ((mass\$4 or densit\$4) near4 (filter or trap)) and ((mass\$4 or densit\$4) near4 ((trap or filter) and (cataly\$4) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S38	123	(exhaust near3 gas) and (engine) and ((particl\$4 or particulat \$4 or soot) near4 (trap or filter)) and (cataly\$4) and (metal same (filter or trap)) and ((mass\$4 or densit\$4) near4 (filter or trap)) and ((mass\$4 or densit\$4) same ((trap or filter) and (cataly\$4) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16

S39	23	(exhaust near3 gas) and (engine) and ((particl\$4 or particulat\$4 or soot) near4 (trap or filter)) and (cataly\$4) and (metal same (filter or trap)) and ((mass\$4 or densit\$4) near4 (filter or trap)) and ((mass\$4 or densit\$4) near4 (cataly\$4)) and ((high\$4 or low\$4 or small\$4 or big\$4) same (densit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:16
S40	68	(exhaust near3 gas) and (engine) and (soot near2 filter) and ((metal ) near4 (wir\$4 or strip\$4 or mesh\$4 ) near4 (filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/07 08:02
S41	68	(exhaust near3 gas) and (engine) and (soot near2 filter) and ((metal ) near4 (wir\$4 or strip\$4 or mesh\$4 ) near4 (filter)) and ((metal ) or (wir\$4 or strip\$4 or mesh\$4 ) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/07 08:09
S42	15	("2190683"   "2190886"   "3964902"   "4363737"   "4470834"   "5298046"   "5352046"   "5405422"   "5716147"   "6062735"   "6284201"   "6318898"   "RE35860").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/07 08:17
S43	0	("7025797").URPN.	USPAT	OR	ON	2008/04/07 08:17
S44	1	("4154568").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/07 08:21
S45	7	("6534021").URPN.	USPAT	OR	ON	2008/04/07 08:21

S46	41	(exhaust near3 gas) and (engine) and (soot near2 filter) and ((metal ) near4 (wir\$4 or strip\$4 or mesh\$4 ) near4 (filter)) and ((metal ) or (wir\$4 or strip\$4 or mesh\$4 ) ) and (mass\$4 or densit \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/07 08:50
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4/ 9/ 2008 10:02:10 AM

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